


Commodity Description

Item	Heater (EN60335-1 Specification)																																																																																		
Description	<p>1. General</p> <ul style="list-style-type: none"> - The bidder shall be the vendor or manufacturer registered in ESCC Qualified Part List (QPL). - Etched foil polyimide heater - Resistive layer: flexible nickel/chromium/iron alloy - Operating temperature: maximum 175 degC <p>2. Types and Quantity</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th>Item No.</th> <th>Resistance (ohm)</th> <th>No. of Layers</th> <th>Sizes (mm*mm)</th> <th>Lead Wire Length / Thickness</th> <th>Quantity (EA)</th> </tr> </thead> <tbody> <tr><td>1</td><td>22</td><td>1</td><td>50.8*25.4</td><td>915 mm / AWG 26</td><td>58</td></tr> <tr><td>2</td><td>15.9</td><td>1</td><td>101.6*12.7</td><td>915 mm / AWG 26</td><td>24</td></tr> <tr><td>3</td><td>77.1</td><td>1</td><td>326*12.7</td><td>915 mm / AWG 26</td><td>10</td></tr> <tr><td>4</td><td>65.8</td><td>1</td><td>381*14</td><td>915 mm / AWG 24</td><td>6</td></tr> <tr><td>5</td><td>7.3</td><td>1</td><td>47*19.1</td><td>915 mm / AWG 26</td><td>64</td></tr> <tr><td>6</td><td>16.6</td><td>1</td><td>152.4*19.1</td><td>915 mm / AWG 24</td><td>6</td></tr> <tr><td>7</td><td>12.1</td><td>1</td><td>177.8*19.1</td><td>915 mm / AWG 24</td><td>20</td></tr> <tr><td>8</td><td>60.8</td><td>1</td><td>254*19.1</td><td>915 mm / AWG 24</td><td>12</td></tr> <tr><td>9</td><td>15.5</td><td>1</td><td>63.5*25.4</td><td>915 mm / AWG 26</td><td>16</td></tr> <tr><td>10</td><td>38.1</td><td>1</td><td>127*25.4</td><td>915 mm / AWG 24</td><td>4</td></tr> <tr><td>11</td><td>5.3</td><td>1</td><td>203.2*38.1</td><td>915 mm / AWG 24</td><td>16</td></tr> <tr><td>12</td><td>12.1</td><td>1</td><td>101.6*25.4</td><td>915 mm / AWG 24</td><td>8</td></tr> </tbody> </table> <p>3. Lead Wires</p> <ul style="list-style-type: none"> - All the items will have exit type as follows: <div style="text-align: center; margin: 10px 0;">  </div> <ul style="list-style-type: none"> - Leads exit centrally from width (W) side. - Leads will be ESA 3901/001-25 AWG 24 or ESA 3901/001-24 AWG26 straight. - All the items will NOT have the Y966 adhesive. - Resistance tolerance to be +/-5%. <p>4. Engineering model heaters shall be tested referring to EN60335-1 specification for electrical tests.</p> <p>5. End item data package shall be delivered including Certificate of Conformance (COC) and applicable test data of the manufacturer.</p>					Item No.	Resistance (ohm)	No. of Layers	Sizes (mm*mm)	Lead Wire Length / Thickness	Quantity (EA)	1	22	1	50.8*25.4	915 mm / AWG 26	58	2	15.9	1	101.6*12.7	915 mm / AWG 26	24	3	77.1	1	326*12.7	915 mm / AWG 26	10	4	65.8	1	381*14	915 mm / AWG 24	6	5	7.3	1	47*19.1	915 mm / AWG 26	64	6	16.6	1	152.4*19.1	915 mm / AWG 24	6	7	12.1	1	177.8*19.1	915 mm / AWG 24	20	8	60.8	1	254*19.1	915 mm / AWG 24	12	9	15.5	1	63.5*25.4	915 mm / AWG 26	16	10	38.1	1	127*25.4	915 mm / AWG 24	4	11	5.3	1	203.2*38.1	915 mm / AWG 24	16	12	12.1	1	101.6*25.4	915 mm / AWG 24	8
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